

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Confirmation No.: 5195
Hiroshi NUNOKAWA Art Unit: 2821
S. N. 10/606,513 Examiner: D. K. Wong
Filed: June 25, 2003
For: SOLID STATE LASER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

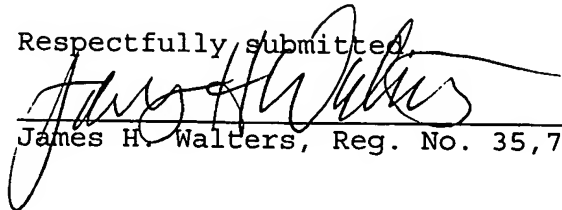
Applicant wishes to draw attention to the documents listed on the accompanying Form PTO-1449, copies of which documents are enclosed.

Pursuant to MPEP 609, it is requested that the Examiner should initial Form PTO-1449 to confirm that each document has been considered, and return a copy of the form to the undersigned.

A statement under 37 CFR 1.97(e) is enclosed here that the above were known no more than 3 months prior to the date of this document. These documents were supplied by a letter received by the undersigned May 10, 2004. That letter, dated May 5, 2004, from a Mr. David Welford, Ph.D., alleges that at an unspecified date, that at least one working laser system based on the prior art disclosures submitted with his letter (those documents cited herein) was manufactured and sold by Q-Peak, Inc., formerly Research Division of Schwartz Electro-Optics, Inc., and that work on continuous wave lasers using the same concept was carried out under a US government contract but was not published. The dates of these alleged events are unknown to applicant.

Please contact the undersigned if you have any questions. Thank
you.

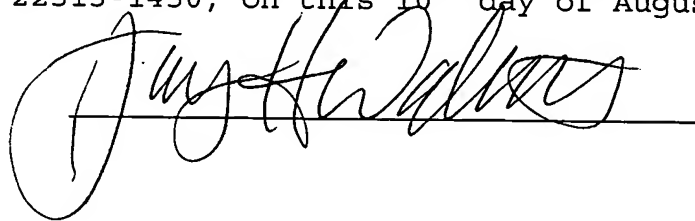
Respectfully submitted,


James H. Walters, Reg. No. 35,731

Customer number 802
DELLETT AND WALTERS
P.O. Box 2786
Portland, Oregon 97208-2786 US
(503) 224-0115
DOCKET: Y-217

Certificate of Mailing

I hereby certify that this correspondence is being deposited
as first class mail with the United States Postal Service in an
envelope addressed to the Commissioner for Patents, P.O. Box
1450, Alexandria, VA 22313-1450, on this 10th day of August,
2004.





Ifw

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Confirmation No.: 5195
Hiroshi NUNOKAWA Art Unit: 2821
S. N. 10/606,513 Examiner: D. K. Wong
Filed: June 25, 2003
For: SOLID STATE LASER

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

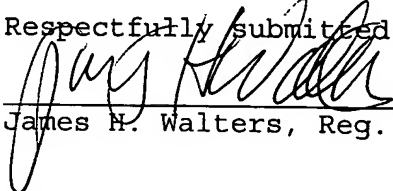
Sir:

Applicant wishes to draw attention to the documents listed on the accompanying Form PTO-1449, copies of which documents are enclosed.

Pursuant to MPEP 609, it is requested that the Examiner should initial Form PTO-1449 to confirm that each document has been considered, and return a copy of the form to the undersigned.

For the non-English documents, the relevance is discussed in the specification at page 2, line 12 through page 4 line 27. With regard to Japanese un-examined patent publication no. 2001-244526 mentioned on page 3 of the specification, U.S. Patent 6,532,248 is the U.S. equivalent thereof, and is submitted instead.

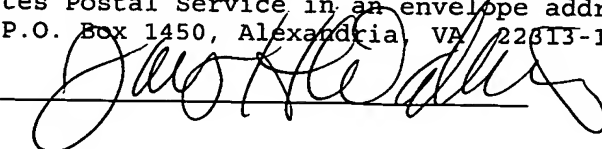
Respectfully submitted,

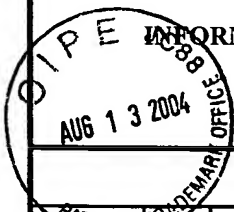

James H. Walters, Reg. No. 35,731

Customer number 802
DELLETT AND WALTERS
P.O. Box 2786
Portland, Oregon 97208-2786 US
(503) 224-0115
DOCKET: Y-217

Certificate of Mailing

I hereby certify that this correspondence is being deposited as first class mail with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of August, 2004.





INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

Y-217

Application Number

10/606,513

Applicant(s)

Hiroshi NUNOKAWA

Filing Date

06/25/03

Group Art Unit

2821

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6532248	3/11/2003	Tsunekane et al			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		4-137775	5/12/1992	Japan				✓
		2-54588	2/23/1990	Japan				✓
		5-335662	12/17/1993	Japan				✓
		7-307-510	11/21/1995	Japan				✓

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

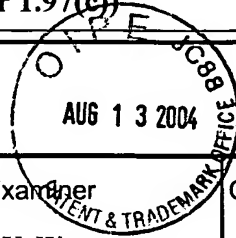
DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
Y-217

In Re Application Of: **Hiroshi NUNOKAWA**



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/606,513	06/25/03	D. K. Wong	802	2821	5195

Title: **SOLID STATE LASER**

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☒ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

(Under 37 CFR 1.97(b) or 1.97(e))

Docket No.

Y-217

In Re Application: **Hiroshi NUNOKAWA**

AUG 13 2004

Application No.

Filing Date

Examiner

Customer No.

Group Art Unit

Confirmation No.

10/606,513

06/25/03

D. K. Wong

802

2821

5195

SOLID STATE LASER**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____)

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on Aug. 10, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature of Person Mailing Correspondence

James H. Walters

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.

Dated: Aug. 10, 2004

Signature

James H. Walters, Reg. No. 35,731

Customer Number 802
Dellett and Walters
PO Box 2786
Portland, OR 97208-2786 US

503-224-0115

CC:

**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

Docket No.
Y-217

In Re Application Of:

Hiroshi NUNOKAWA

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/606,513	06/25/03	D. K. Wong	802	2821	5195

Invention:

SOLID STATE LASER

COMMISSIONER FOR PATENTS:

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

- ☐ Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR 1.97(e)(2)

- ☒ No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.


Signature

James H. Walters, reg. no. 35,731

Customer Number 802
Delleltt and Walters
PO Box 2786
Portland, OR 97208-2786 US

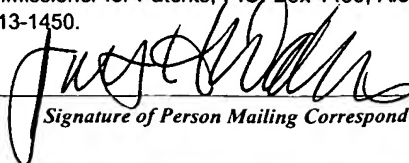
503-224-0115

cc:

Dated: **Aug. 10, 2004**

Certificate of Mailing by First Class Mail

I certify that this document is being deposited on
Aug. 10, 2004 with the U.S. Postal Service as first
class mail under 37 C.F.R. 1.8 and is addressed to the
Commissioner for Patents, P.O. Box 1450, Alexandria, VA
22313-1450.


Signature of Person Mailing Correspondence

James H. Walters

Typed or Printed Name of Person Mailing Correspondence

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

Y-217

Application Number

10/606,513

Applicant(s)

Hiroshi NUNOKAWA

Filing Date

06/25/03

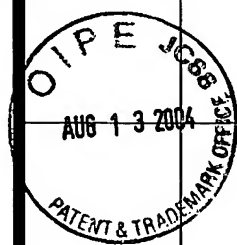
Group Art Unit

2821

*EXAMINER

INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



Efficient TEM00-mode operation of a laser-diode side -pumped Nd:YAG laser, D. Welford, D.M.Rines, B.J. Dinerman, Deceber 1, 1991, vol 16, no. 23, OPTICS LETTERS, pp1850-1852

Observation of Enhanced Thermal Lensing Due to Near-Gaussian Pump Energy Deposition in a Laser-Diode Side-Pumped Nd:YAG Laser, David Welford, David M. Rines, Bradley J. Dinerman, Robert Martinsen, IEEE JOURNAL OF QUANTUM ELECTRONICS, Vol. 28, No. 4, April 1992, pp. 1075-1080

2.4-ns Pulse Generation in a Solid-State, Passively Q-Switched, Laser-Diode-Pumped Nd:YAG Laser, Y. Isyanova and D. Welford, OSA Proceedings on Advanced Solid-State Lasers, 1993, Vol. 15, pp 20-23

Conference on Lasers and Electro-Optics 1994, Technical Digest, Volume 8, Efficient,Side-pumped, TEM00 TM,Ho:YLF laser, John H. Flint, David M. Rines, p. 173

Coherent Laser Radar, July 23-27, 1995, 1995 Technical Digest Series, Volumn 19, High Energy, Diode-Pumped Tm,Ho:YLF Laser Transmitter, John H. Flint and David M. Rines,, pp 314-317

Letter from David Welford, Ph.D., received May 10, 2004.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.